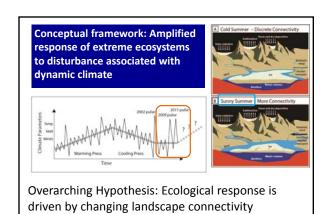
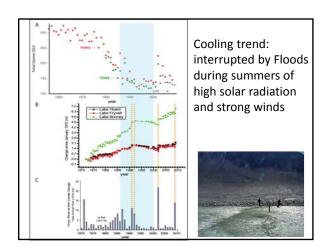
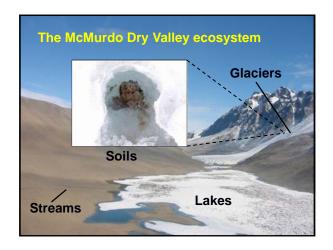


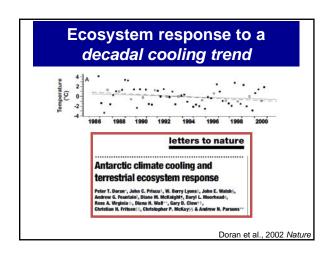
Surface air tamparatura	С	F
Surface air temperature	47.0	
average mean annual	-17.9	
absolute maximum	9.9	
absolute minimum	-47.7	-53.9
Degree days above freezing		
mean annual	21.9	21.9
Soil temperature at surface		
average mean annual	-17.6	0.3
absolute maximum	25.7	78.3
absolute minimum	-51.1	-60.0
Surface wind speed	(ms ⁻¹)	(MPH)
average mean annual	27	6.0
maximum	22.8	51.0
Precipitation	~ 4 cm per year (water equ	
Precipitation	on per year (water eq	
Sunshine	5 months of darkness	

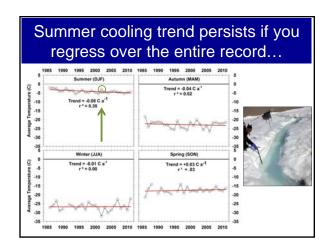


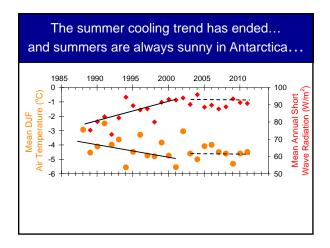


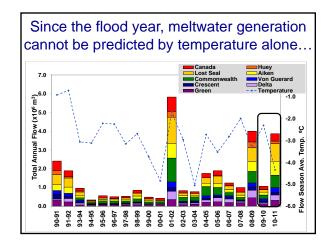


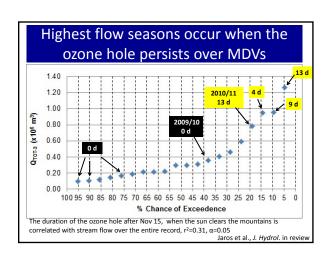


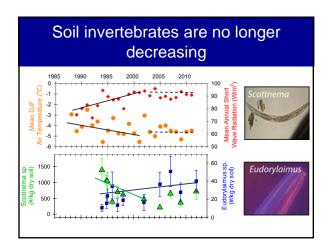


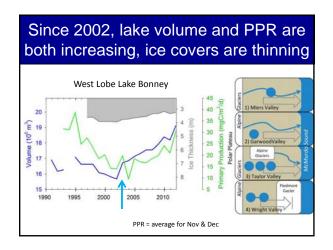


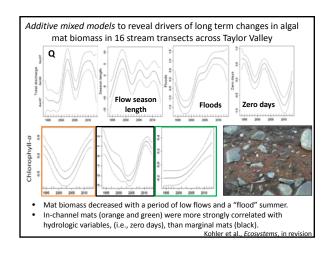


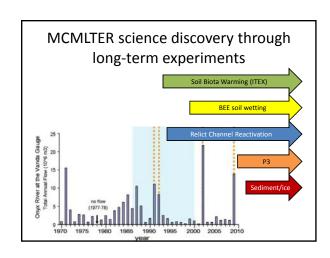


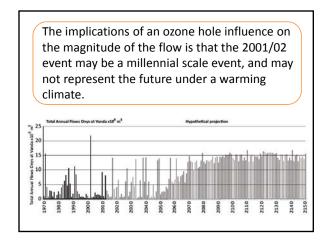


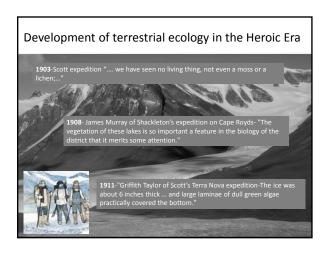


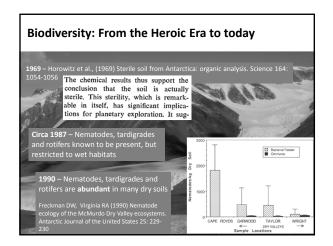


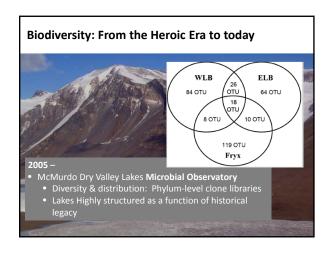


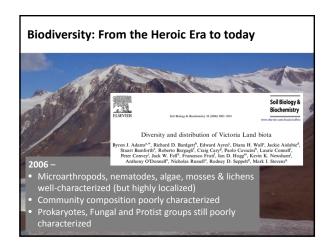


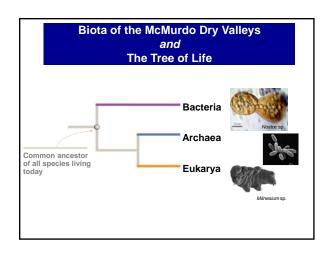


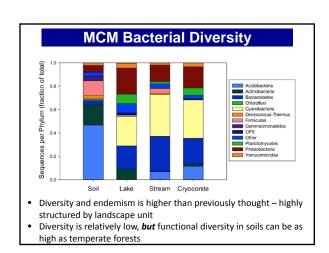


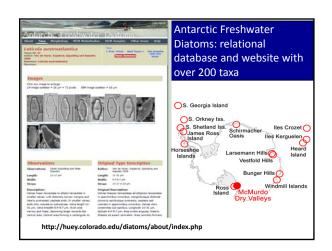


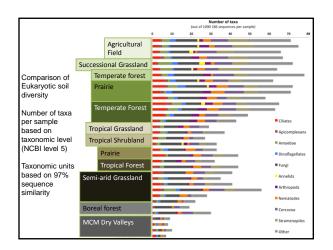


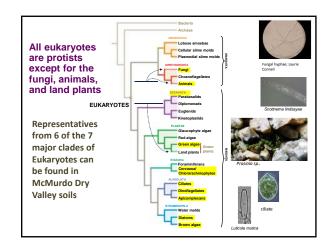


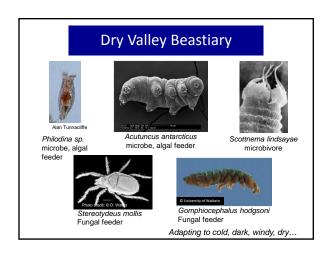


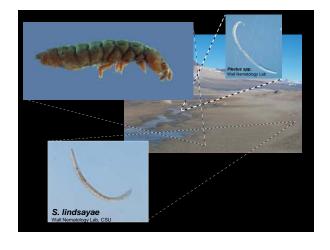


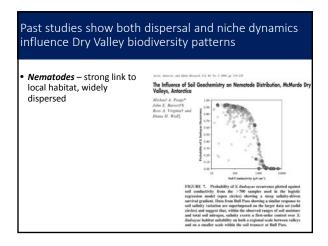


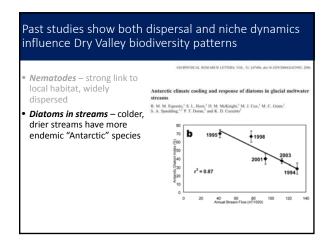


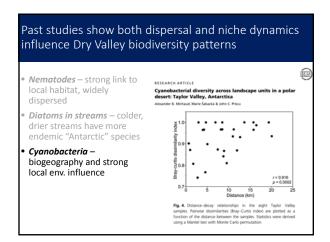


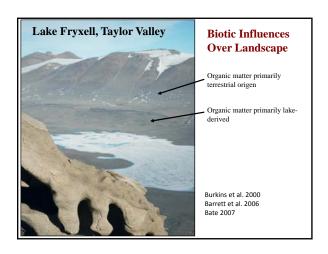


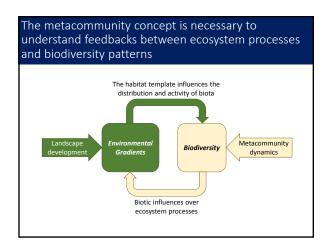


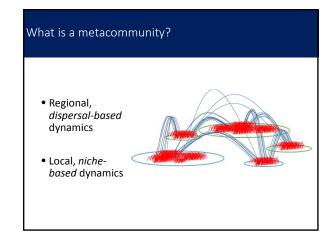


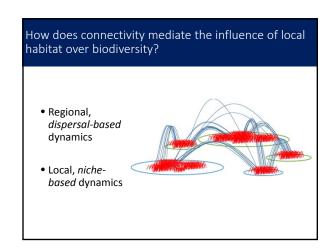


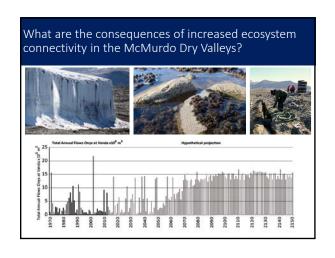












Why simulate metacommunities?

- *Link process to pattern* e.g., what biodiversity patterns characterize systems dominated by nicheand/or dispersal-dynamics?
- *Understand context* e.g., how might results be biased by study design, taxonomic resolution, ecosystem type?
- Forecast how biodiversity patterns change in response to a shift in metacommunity dynamics e.g., increased connectivity among landscape units

